

Assessment for Density of the Earth Lab

Overview

Students have completed all activities and completed the required post-activity questions. To verify the retention of the lesson, students will be asked to identify with various tools the category of each rock.

Materials

Bag with 5 rocks total; two of which are in the same category

Balance scale

Water displacement cup

Water

Calculator

String

Procedure

1. Each student will need to have a balance scale and a cup filled with water.
2. Each student will be given a bag that contains 5 rocks.
3. Students need to calculate the density of each rock using the scale and water displacement. They also need to verify any characteristics that will help them identify each rock.
4. The students will each fill-out the table and will complete the assessment by replacing the unmatched rocks back into the bag and then giving a written explanation of why they matched the two remaining rocks.

Density of the Earth Assessment			
Name _____		Date _____	
Rock Number	Density (Show your work!)	Identifying Characteristics	Other Notes
#1			
#2			
#3			
#4			
#5			

Give at least two reasons why you choose to match these two rocks.